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Substitute for form 1449A/PTO (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number 10/007,706

Filing Date November 13, 2001

First Named Inventor PENNER, Reinh Id

Group Art Unit 1645

Examiner Name

Attorney Docket Number A-70040-1/RFT/NBC (469324-5)

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1				
	A2				
	A3				
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	A5				
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	A8				
	A9				
	A10				
	A11				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	B1	WO 02/14368 A2	02-21-2002	CURAGEN CORP.		
	B2	WO 02/10391 A2	02-07-2002	MILLENNIUM PHARM.		
	B3					
	B4					
	B5					
	B6					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	C1	Runnels LW, et al., "TRP-PLIK, a bifunctional protein with kinase and ion channel activities." Science. 2001 Feb 9;291(5506):1043-7.	
	C2	Ryazanov AG, et al., "Alpha-kinases: a new class of protein kinases with a novel catalytic domain." Curr Biol. 1999 Jan 28;9(2):R43-5.	
	C3	Yamaguchi H, et al., "Crystal structure of the atypical protein kinase domain of a TRP channel with phosphotransferase activity." Mol Cell. 2001 May;7(5):1047-57.	
	C4		
	C5		

Examiner Signature  Date Considered 6-29-02

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

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		Application Number	10/007,706		
		Filing Date	November 13, 2001		
		First Named Inventor	PENNER, Reinhold		
		Group Art Unit	1645		
Sheet	1	of	1	Examiner Name	
				Attorney Docket Number	A-70040-1/RFT/NBC (469324-5)

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	A1				RECEIVED MAR 17 2003 TECH CENTER 1600/2900
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	B1	WO 00/65056 A2	11-2000	BETH ISRAEL DEACONESS		
	B2	EP 1 048 727 A1	11-2000	EIKEN CHEMICAL		
	B3					
	B4					
	B5					
	B6					

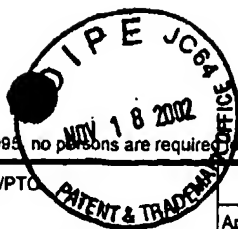
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	C1	SANO Y, et al., "Immunocyte Ca2+ influx system mediated by LTRPC2." Science. 2001 Aug 17;293(5533):1327-30.			
	C2	NAGAMINE K, et al., "Molecular cloning of a novel putative Ca2+ channel protein (TRPC7) highly expressed in brain." Genomics. 1998 Nov 15;54(1):124-31.			
	C3	HARTENECK C, et al., "From worm to man: three subfamilies of TRP channels." Trends Neurosci. 2000 Apr;23(4):159-66.			
	C4				
	C5				

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	B1	WO 00/40614 A3	07-2000	BETH ISRAEL DEACONESS		
	B2					
	B3					
	B4					
	B5					
	B6					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
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	C1	PERRAUD, A-L, et al., "ADP-ribose gating of the calcium-permeable LTRPC2 channel revealed by Nudix motif homology," <i>Nature</i> 411:595-599 (May 2001)		
	C2	NADLER et al., "LTRPC7 is a Mg-ATP-regulated divalent cation channel required for cell viability," <i>Nature</i> 411:590-595 (May 2001)		
	C3			
	C4			
	C5			

Examiner Signature		Date Considered	6-29-02
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